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Mathematics and Mathematical Physics

SECTION B

JOURNAL OF RESEARCH

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Corrections to be noted in Volume 67 of the JOURNAL OF RESEARCH of the National Bureau of Standards—B. Mathematics and Mathematical Physics

Page	Column	Line	Now reads in part	Should read
2		20	round-off errors	round-off error
4		10	$\sum_R =$	$\sum_R =$
8		eq. (45)	$\Omega j(k) =$	$\Omega_j(k) =$
		eq. (49)	$-48{,}525\left(1+\frac{\sqrt{5}+1}{4}k^2\right)$	$-48{,}525\left(1+\frac{\sqrt{5}+1}{4}k^2\right)$
13	Table 4, 1	3, 4, and 5	$\pi I_0\left[k^2\left(j+\frac{1}{2}\right)\right]$ $-\left(\frac{3}{2}\right)k^2\left(\frac{2j+1}{6j+7}\right)I_1\left[k^2\left(j+\frac{7}{6}\right)\right]$ $+\frac{1}{4}k^4(2j+1)I_0\left[k^2\left(j+\frac{7}{6}\right)\right]$	$\pi I_0\left\{\left[k^2\left(j+\frac{1}{2}\right)\right]\right.$ $-\left(\frac{3}{2}\right)k^2\left(\frac{2j+1}{6j+7}\right)I_1\left[k^2\left(j+\frac{7}{6}\right)\right]$ $\left.+\frac{1}{4}k^4(2j+1)I_0\left[k^2\left(j+\frac{7}{6}\right)\right]\right\}$
	Table 5, 1	1	$\Omega_j/(k) -$	$\Omega_j(k) -$
14		29	section 2.4	section 2.5
	Footnote	Last	$R_{m'\geq m}$	$R_{m'\geq m}$
15		15	$(1/m\sqrt{2})\left[1-\frac{3}{16}\left(\frac{1}{m}\right)\right.$ $\left.+\frac{9}{512}\left(\frac{1}{m}\right)^2+\frac{39}{8192}\right.$	$(1/m\sqrt{2}\left(\left[1-\frac{3}{16}\left(\frac{1}{m}\right)\right.\right.$ $\left.\left.+\frac{9}{512}\left(\frac{1}{m}\right)^2+\frac{39}{8192}\right.\right.$
16	References	2 from bottom	No. 4,249 (1961)	No. 4, 249 (1961).
25	2	6	$=(\pi_1\pi_0^{-1})$	$=\tau(\pi_1\pi_0^{-1})$
26	2	27	$\sum_{\neq jk+p+jq}$	$\sum_{j\neq k+p+jq}$
42		Figure 1	The lower case u and v in this figure should be capital letters as U and V.	
43		12 and 13	Delete the sentence "We write: $J=qv$, where $v=v_+v_-/(v_-+v_+)$ is an average velocity."	
47		3	$\sum_{k=0}^{m-1}$	$\sum_{k=0}^{M-1}$
		eq. (4.7)	$\frac{E(x+\Delta xt)-E(x,t)}{\Delta x}$	$\frac{E(x+\Delta x,t)-E(x,t)}{\Delta x}$

Corrections to be noted in Volume 67 of JOURNAL OF RESEARCH of the National Bureau of Standards—B. Mathematics and Mathematical Physics—Con.

Page	Column	Line	Now reads in part	Should read
50		10	$dE(x)$	$\delta E(x)$
		3 from bottom	$+\frac{3}{4}\alpha d \max_x$	$+\frac{3}{4}\max_x \{\alpha\} d$
51		eq. (5.1a) and (5.2)	$=j_-(x,t)$	$=\alpha j_-(x,t)$
52		5 from bottom	This equation should be numbered (5.10).	
53		eq. (5.15), (5.16), (5.17), and (5.18)	$(e^{\alpha d}-e^{\alpha x})$	$(e^{\alpha d}-e^{\alpha x})$
59	Table 1, 5	Heading	$t=6.25\ 10^{-7}$	$\Delta t=6.25\ 10^{-7}$
		15	figures 3 and 4	figures 4 and 5
199		eq. (5.28)	$+\frac{\sin \imath}{1-e^2}\delta e$	$+\frac{\sin \nu}{1-e^2}\delta e$
221	Inset	Second heading	from spherity	from sphericity
222		References	Insert the following reference: Kozai, Y., Astron. J. **67**, 446–461 (1962).	
247	1	3	$\varphi_5=\frac{1}{\sqrt{\frac{-K}{2}\log x_2-1}}$	$\varphi_5=\left\lvert\frac{1}{\sqrt{\frac{-K}{2}\log x_2-1}}\right\rvert$
252	2	10	both indempotent	both idempotent
255	1	9	Ω^* and Ω	Ω^* and Ω_*.
	2	26	clusion $\breve{R}^{**}TS$	clusion $\breve{R}^{**}TS_*$.
256	1	1	line missing	where $\hat{\hat{R}}$, $\hat{\hat{S}}$ denote the unions $\bar{\bar{\cup}}_{h=1}\breve{R}^h$, $\bar{\bar{\cup}}_{h=1}S^h$. Moreover,
		eq. (11a)	$W_a=\breve{R}'_aTS$	$W_a=\breve{R}'_aTS_*$
3 of cover	Oct.–Dec. issue	6	$+\frac{1}{8}\Psi_x$	$+\frac{1}{x}\Psi_x$

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